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TOWNSEND and TOWNSEND and CREW

By Kin My Soplen



PATENT

Attorney Docket No. 13952A-005321US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Andrzej Z. Sledziewski, Lillian A. Bell, and Wayne R. Kindsvogel

Serial No.: Unassigned

Parent Serial No. 08/477,329

Filed: Herewith

Parent Filed: June 7, 1995

For: METHODS OF PRODUCING

SECRETED RECEPTOR ANALOGS AND BIOLOGICALLY ACTIVE DIMERIZED POLYPEPTIDE

FUSIONS

Examiner: Unassigned Parent Exr: C. Kaufman

Art Unit: Unassigned Parent Art Unit: 1812

INFORMATION DISCLOSURE STATEMENT

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicants direct the Examiner's attention to the references below, also listed on the accompanying Form PTO-1449. This application is a divisional and relies, under 35 U.S.C. § 120, on the earlier filing date of prior application USSN 08/477,329, filed on June 7, 1995; which is a continuation of USSN 08/180,195, filed January 11, 1994, issued as U.S. Patent No. 5,567,584; which is a file wrapper continuation of USSN 07/634,510, filed December 27, 1990; which is a continuation-in-part of USSN 07/347,291, filed May 2, 1989, issued as U.S. Patent No. 5,155,027; which is a

continuation-in-part of USSN 07/146,877, filed January 22, 1988, now abandoned. The references listed on the attached form PTO-1449 were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in the present application pursuant to 37 CFR 1.98(d).

The following U.S. Patents are set forth below:

- U.S. Patent No. 4,766,073, issued 8/23/88
- U.S. Patent No. 4,599,311, issued 7/8/86
- U.S. Patent No. 4,816,567, issued 3/28/89
- U.S. Patent No. 4,816,397, issued 3/28/89
- U.S. Patent No. 4,474,893, issued 10/2/84
- U.S. Patent No. 4,761,371, issued 8/2/88
- U.S. Patent No. 5,116,964, issued 5/26/92
- U.S. Patent No. 5,015,571, issued 5/14/91

The following foreign patent publications are set forth below:

EP 173 494, published 3/5/86

WO 86/01533, published 3/13/86

EP 088 994, published 9/21/83

EP 239 400, published 9/30/87

EP 162 319, published 11/27/85

EP 171 496, published 2/19/86

EP 256 654, published 2/24/88

EP 315 062, published 5/10/89

EP 116 201, published 8/22/84

EP 120 694, published 10/3/84

EP 327 369 A2, published 8/9/89

EP 244 221 A1, published 11/4/87

WO 90/06953, published 6/28/90

The following articles are set forth below:

Kuwana et al., <u>Biochemical and Biophysical</u>

<u>Research Communications 149</u>(3): 960-968, 1987.

Yarden et al., <u>Nature 323</u>:226-232, 1986.

Hart et al., <u>Science 240</u>:1529-1531, 1988. Escobedo et al., <u>Science 240</u>:1532-1534, 1988. Heldin et al., <u>EMBO J. 7</u>:1387-1393, 1988. Radeke et al., <u>Nature 325</u>:593-597, 1987. Ebina et al., <u>Cell 40</u>:747-758, 1985. Rubin et al., <u>J. Immun. 135</u>:3172-3177, 1985. Ellis et al., <u>J. Cell Biol.150</u>:14a, 1987. Smith et al., <u>Science 238</u>:1704-1707, 1987.

Livneh et al., J. Biol. Chem. 261:12490-12497,

1986.

Boni-Schnetzler and Pilch, <u>Proc. Natl. Acad.</u>
<u>Sci. USA 84</u>:7832-7836, 1987.

Claesson-Welsh et al., <u>Mol. Cell. Biol. 8</u>:3476-3486, 1988.

Ullrich et al., <u>Nature 309</u>:418-425, 1984. Ullrich et al., <u>Nature 313</u>:756-761, 1985. Derynck et al., <u>Nature 316</u>:701-705, 1985. Loh et al., <u>Cell 33</u>:85-93, 1983. Honjo et al., <u>Cell 18</u>:559-568, 1979.

Alber and Kawasaki, J. Mol. Appl. Genet. 1:419-

434, 1982.

Russell et al., <u>Nature 304</u>:652-654, 1983. Grosschedl and Baltimore, <u>Cell 41</u>:885-897,

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Hieter et al., <u>Cell 22</u>:197-207, 1980. Treiger et al., <u>J. Immunol. 136</u>:4099-4105,

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84:2936-2940, 1987.

Maddon et al., <u>Cell 47</u>:333-348, 1986. Maddon et al., <u>Cell 42</u>:93-104, 1985. Capon et al., <u>Nature 337</u>:525-531, 1989. Wood et al., <u>Nature 314</u>:446-449, 1985. Carlson et al., <u>Mol. Cell. Biol. 3</u>:439-447,

1983.

Marx, <u>Science 229</u>:455-456, 1985.

Neuberger et al., <u>Nature 312</u>:604-609, 1984.

Oi and Morrison <u>Biotechniques 4</u>:214-221, 1986.

Bailon et al., <u>Bio/Technology 5</u>:1195-1198,

1987.

Ballou et al., <u>J. Biol. Chem. 255</u>:5986-5991,

1980.

Munro and Pelham, <u>EMBO J. 3</u>:3087-3093, 1984. von Heijne, <u>Nucl Acids Res. 14</u>:4683-4690, 1986. von Heijne, <u>Eur. J. Biochem. 133</u>:17-21, 1983. Beggs, <u>Nature</u>:104-108, 1978. Clarke et al., <u>Meth. Enzym. 68</u>:436-442, 1979.

Struhl et al., <u>Proc. Natl. Acad. Sci. USA</u>

<u>76</u>:1035-1039, 1979.

7316, 1989.

Broach et al., <u>Gene 8</u>:121-133, 1979.

Mariuzza and Winter, <u>J. Biol. Chem. 264</u>:7310-

Gronwald et al., <u>Proc. Natl. Acad. Sci. USA</u> 85:3435-3439, 1988.

Riedel et al., <u>Protein Engineering 1(3):237</u>, 1987.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants believe that their invention as claimed is patentable over the above references taken alone or in any combination. However, Applicants reserve the right to demonstrate that their claimed invention was made prior to any

one or more of the above-identified references. No inference should be drawn as to the pertinence of the references based on the order in which they are presented.

Applicants respectfully request that the Examiner review the foregoing references to make her own determination of the patentability of the present invention and that the references be made of record in the file of this application.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees necessitated by this transmittal to Townsend and Townsend Deposit Account No. 20-1430.

Respectfully submitted,

Date: November 26, 1997 By:

Jeffrey J. King

Reg. No. 38,515

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